

Qasim Mukhtar *(Mechanical Engineer)*



Personal Details:

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Summary:

I am a qualified Graduate Mechanical Engineer, seeking a challenging career as a Mechanical Engineer in a highly motivated progressive environment and to be a part of a team that dynamically works towards the growth of the organization that supports teamwork and promotes leadership qualities.

2.5 years of working experience in the Multan Metro Bus Service Workshop, services including dismantling, cleaning, inspecting, repairing, assembling, and testing diesel engine spares and assemblies.

2.5 years of development of the detailed engineering of awarded projects including P&ID'S, piping layouts, GAD, and detailed fabrication drawings for skid mounted packages, Heat Exchangers, and Pressure Vessels.

Professional Experience:

Organization: DAEWOO Express Bus Service Pakistan
Project: Multan Metro Bus System (MMBS)
Position: Senior Executive (July 2016 – November 2017)
Position: Senior Executive (September 2020 – Till Date)



Job Responsibilities:

- Providing operational and maintenance services of the fleet to the client (Punjab Mass Transit Authority) by ensuring all operational and standby fleet is ready all the time
- Overseeing the repair and service work of all jobs to promise conformity to the manufacturer's standard specification and ensuring that proper records are also being kept for all work
- Scheduling and allocation of jobs to appropriate service personnel keeping in view the nature of the repair
- Ensuring all required repair and maintenance jobs are being completed in the available time
- Ensuring breakdown recovery is carried out according to the project specifications and within the permitted time so that penalty is avoided
- Evaluating the cost of damage in consultation with the supply chain after receiving the damage report from the operations department
- Maintaining the workshop to ensure safety standards have adhered to all service tools and equipment are stored appropriately and safely

Work Achievements at Job:

- Pre-delivery inspection of SUNWIN (6180) Metro Buses before the commencement of operation
 - Evaluated and solved the Cooling Loss problem of the Bus Air Conditioning System
 - Evaluated and solved the Fuel Efficiency problem
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Organization: Petrofas Engineering Pvt. Ltd.
Position: Design Engineer (February 2018 – June 2020)



Job Responsibilities:

- Design & Development of Pressure Vessels and Heat Exchangers by using PV Elite
- Preparation of Mechanical Design Datasheets for Vessels, Exchangers, and Storage Tanks
- Preparation of Specification for construction of Piping and Mechanical Packages
- Development of mechanical piping and instrument diagrams (P&IDs) using Auto CAD 2018
- General Arrangement Drawing of all kinds of Vessels, Re-boilers, Exchangers & Tanks as per relevant code
- Preparation of Detail Fabrication Drawings of Vessel's internal and external attachments
- Generate Bill of Material lists and Man-hour calculations
- Standard Tolerance drawing & As-Built Drawings
- Design and development of pressure vessels with 'U' and 'R' Stamp

Work Achievements at Job:

- Efficiently Prepared Operation & Maintenance Manual for Oily Wastewater Treatment Plant for "Purchase of 3000 M³ Water Treatment Skid EPC Project"
- Designed Test Separators, Sand Separators, U-Tube Re-Boiler Bundles, Slug Catchers, and Knock Out Vessels for national and multi-national clients

Training:

- One-month internship at Kot Addu Power Plant (**KAPCO**) Kot Addu
- Training under the American Society of Mechanical Engineers (**ASME**) held at BZU for 2 days
- Attended a 3 days training workshop of **HSE** (Health, Safety, and Environment)
- ✓ Training sessions covered Fire Safety, PPE (Personal Protective Equipment), and First Aid

Professional Strength:

- Able to adapt the computer-oriented program to improve efficiency and effectiveness, organizing records, and compiling reports
- Experience in using YUCHAI Diagnostic tool
- Able to adhere to engineering principles and techniques
- Ability to evaluate and test theoretical designs
- Experience in working with minimal supervision or as part of a small team in analyzing mechanical failures

Personal Competencies:

- Excellent oral, written, and administrative correspondence
- Strategic thinking and problem-solving skills
- Ability to work in a fast-paced environment to set deadlines
- Better able to make appropriate and timely decisions
- Highly organized with a creative flair for a project and teamwork

Qualification:

- B.Sc. Mechanical Engineering (2010 – 2014)
University College of Engineering and Technology, Bahauddin Zakariya University, Multan
- F.Sc Pre Engineering (2009 – 2010)
Board of Intermediate and Secondary Education Faisalabad
- Matriculation Science (2006 – 2007)
Board of Intermediate and Secondary Education Faisalabad

Academic Projects:

- Dynamic Analysis of Vertical Axis Wind Turbine
- Developed physical model of Polar and Spherical Coordinate System
- Designed Adjustable Work Bench all parts and assembled using by SolidWorks 2014

Technical Knowledge:

- ASME Section VIII Division I
- Familiar with “ASTM” and “ASME”
- TEMA

Computer Skills:

- Windows (7, 8, 10)
- MS Office (Excel, Word, PowerPoint) & E-mail applications
- Mechanical Desktop (Auto-CAD 2D, 3D)
- PV Elite
- PRO-E wildfire 4.0
- Solid works
- DVR (Digital Video Recorder)

Languages:

- English, Urdu, and Punjabi

Reference:

Will be furnished on demand